

# Converting Colors

Hex(2E7090)

Have a look what the booklet for  
Hex(2E7090) contains.

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**Color**

**Hex(2E7090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E7090
RGB	46, 112, 144
RGB Percent	18%, 44%, 56%
CMY	0.8196, 0.5608, 0.4353
CMYK	0.68, 0.22, 0.00, 0.44
HSL	200°, 52%, 37%
HSV	200°, 68%, 56%
XYZ	11.9549, 14.1828, 28.4930
YIQ	95.9140, -49.6080, -4.0400

# Conversions

## Conversions Part 2

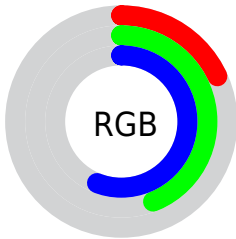
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 85, 144
Decimal	3043472
CIELab	44.49, -10.23, -23.63
CIELCh	44, 25.746, 246.584
Yxy	14.1828, 0.2188, 0.2596
Android (android.graphics.Color)	4281233552 (0xFF2E7090)
YUV	95.9140, 23.7064, -43.7746
Hunter-Lab	37.6601, -9.2415, -18.4959

# Details

The Hex color **2E7090** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **904E2E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **67A4C6**, and **00405D** is the 20% darker color. If you saturate the color by 10%, you get **206B90**, and if you desaturate by 10%, it is **3C7590**.

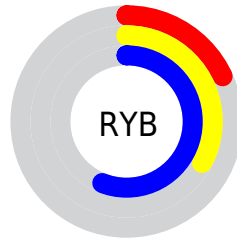
# Distribution



Red (18%)

Green (44%)

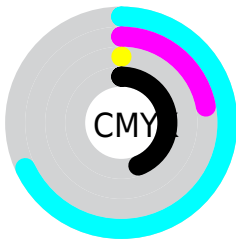
Blue (56%)



Red (18%)

Yellow (33%)

Blue (56%)

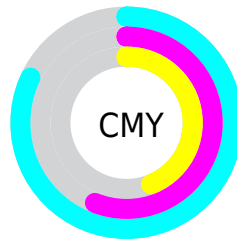


Cyan (68%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (82%)

Magenta (56%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E7090 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E7090 by changing the saturation by 10% instead.



■ 2E7090

■ 2E7090

FFFFFF

■ 045876

■ 67A4C6

■ 00405D

■ 83BFE2

■ 002A46

■ 9FDBFF

■ 00172F

■ BBF7FF

■ 00011A

■ D8FFFF

■ 000000

■ F6FFFF

■ 2E7090

■ 2E7090

■ 206B90

■ 3C7590

■ 116790

■ 4B7990

■ 036290

■ 597E90

■ 006190

■ 688390

■ 768890

■ 848C90

■ 939190

■ A19690

■ B09A90

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137482



2E7090



526A94

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E7090



935965



5C6F46

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E7090



904E2E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73693E



2E7090



915B51

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E7090



885B7B



866242



427358

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E7090



68658F



866242



646E42



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E7090



95AEBA



2E904D



48575E



DEDEDE



5E5E5E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E7090



2288BA



2E4090



404547



005B87



000508



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



902E70



BA2288



907E2E



474045



87005B



080005



# Previews

## White Background



This preview shows how the Hex color 2E7090 looks on a white background.

## Color Contrast Check

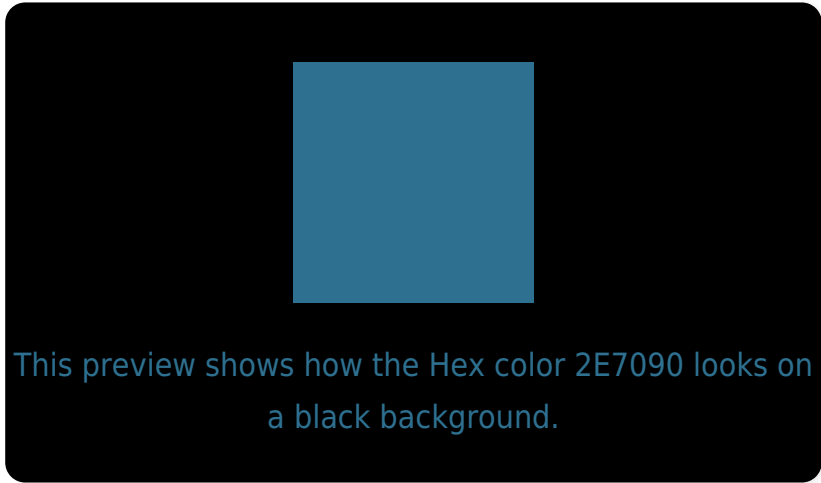
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E7090 Background



This preview shows how black text looks on a background with the Hex color 2E7090.



This preview shows how white text looks on a background with the Hex color 2E7090.

# Color Blindness Simulation

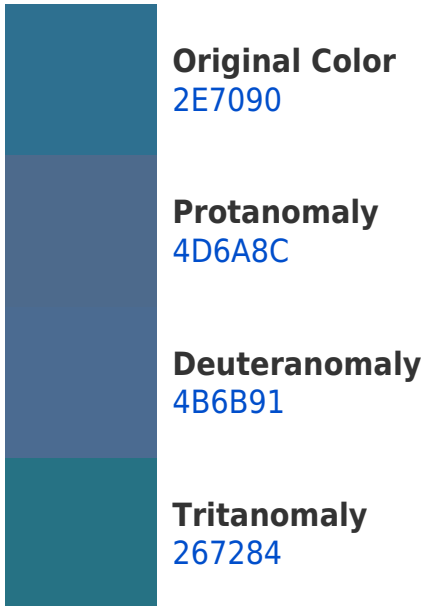
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E7090 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E7090 looks like.

```
.text, #text, p{  
    color:#2E7090  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E7090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7090
}
```

## Border

The CSS property to change the border of an element to Hex 2E7090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E7090 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2E7090 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2E7090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7090; -webkit-box-shadow:4px 4px  
4px 4px #2E7090; box-shadow:4px 4px 4px  
4px #2E7090 }
```

# Background

The CSS property to change the background color of an element to Hex 2E7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7090 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E7090 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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